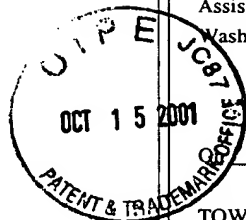


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT
Attorney Docket No.: 019546-020110US

Assistant Commissioner for Patents
Washington, D.C. 20231



October 2, 2001

TOWNSEND and TOWNSEND and CREW LLP

By:

June Curran Can

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

THOMAS A. KEAN

Application No.: 09/747,759

Filed: December 21, 2000

For: METHOD AND APPARATUS
FOR SECURE
CONFIGURATION OF A FIELD
PROGRAMMABLE GATE
ARRAY

Examiner: Unassigned

Art Unit: 2818

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 and §1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

OCT 23 2001

Technology Center 2100

Sir:

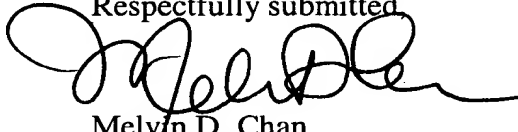
The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

RECEIVED

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted



Melvin D. Chan
Reg. No. 39,626

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 650-326-2400
Fax: 650-326-2422
MDC/acc

671 2818

PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

#7

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number 09/747,759

Filing Date December 21, 2000

First Named Inventor Kean, Thomas A.

Group Art Unit 2818

Examiner Name Unassigned

Total Number of Pages in This Submission

7+refs

Attorney Docket Number 019546-020110

ENCLOSURES (check all that apply)☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Response☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing
Parts under 37 CFR
1.52 or 1.53☐ Assignment Papers
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition Routing Slip (PTO/SB/69)
and Accompanying Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s)☐ After Allowance Communication to
Group☐ Appeal Communication to Board of
Appeals and Interferences☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)
(please identify below):

1) PTO/SB/08A (3 pages)

2) Photocopies of 42/43 references
cited on PTO/SB/08A3) Entire 758 page book
entitled Applied Cryptography
(reference number 28)

4) Return Receipt Postcard

Remarks

The Commissioner is authorized to charge any additional fees to
Deposit Account 20-1430.**RECEIVED**

OCT 23 2001

Technology Center 2100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
and
Individual name

Townsend and Townsend and Crew LLP

Melvin D. Chan

Reg No. 39,626

Signature

Date

October 2, 2001

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

October 2, 2001

Typed or printed name

Anne Currier Carr

Signature


Date

October 2, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PA 3159954 v1

RECEIVED



#7

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/747,759
Filing Date	Dec. 21, 2000
First Named Inventor	Kean, Thomas
Group Art Unit	2818
Examiner Name	Unassigned
Attorney Docket Number	019546-020110US

(use as many sheets as necessary)

Sheet	3	of	3
-------	---	----	---

[illegible]

RECEIVED
OCT 23 2001
Technology Center 2100

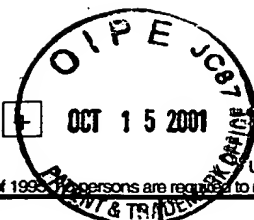
[illegible]

Date Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231**

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete If Known

Application Number	09/747,759
Filing Date	Dec. 21, 2000
First Named Inventor	Kean
Group Art Unit	2818
Examiner Name	Unassigned
Attorney Docket Number	019546-020110US

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	01	4,120,030		Johnstone	10-10-1978	
	02	4,465,901		Best	08-14-1984	
	03	4,525,599		Curran	07-25-1985	
	04	4,562,305		Gaffney	12-31-1985	
	05	4,603,381		Guttag	07-29-1986	
	06	4,633,388		Chiu	12-30-1986	
	07	4,847,902		Hampson	07-11-1989	
	08	5,224,166		Hartmann, Jr.	06-29-1993	
	09	5,307,318		Nemoto	04-26-1994	
	10	5,349,249		Chiang	09-20-1994	
	11	5,386,469		Yearsley	01-31-1995	
	12	5,388,157		Austin	02-07-1995	
	13	5,768,372		Sung	06-16-1998	
	14	5,773,993		Trimberger	06-30-1998	
	15	5,835,402		Rao	11-10-1998	
	16	5,898,776		Apland	04-27-1999	
	17	5,915,017		Sung	06-22-1999	
	18	5,963,104		Buer	10-05-1999	
	19	5,970,142		Erickson	10-19-1999	
	20	5,991,880		Curd	11-23-1999	

RECEIVED
 OCT 23 2001
 Technology Center 2100

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	21	WO	98/58305	A1	Deas	12-23-1998		<input type="checkbox"/>
	22	WO	00/49717	A2	Trimberger	08-24-2000		<input type="checkbox"/>
	23	WO	99/46774	A1	Kelem	09-16-1999		<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature

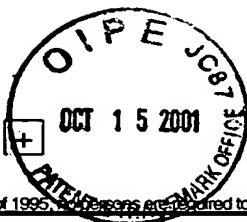
Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Please type a plus sign (+) inside this box →



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

Complete If Known

Application Number	09/747,759
Filing Date	Dec. 21, 2000
First Named Inventor	Kean, Thomas
Group Art Unit	2818
Examiner Name	Unassigned
Attorney Docket Number	019546-020110US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	24	XILINX INC., "Xilinx User Guide and Tutorials", 1991, Section "The Best of Xcell", p602, column headed "Design Security"	<input type="checkbox"/>
	25	XILINX INC., "XACT Reference Guide", 1993, Section 5 "Peripherals and Hardware", p602, subsection headed "Programming the XC3720"	<input type="checkbox"/>
	26	JOHN G. PROAKIS, "Digital Communications", 3rd edition, McGraw Hill, 1995, Chapter 8. pp413-528	<input type="checkbox"/>
	27	JOHN V. OLDFIELD and RICHARD C. DORF, "Field Programmable Gate Arrays", Wiley-Interscience, 1995, Chapter 3, pp53-102	<input type="checkbox"/>
	28	BRUCE SCHNEIER, "Applied Cryptography", 2nd Edition. John-Wiley, 1996	<input type="checkbox"/>
	29	ACTEL CORP., "Protecting your Intellectual Property from the Pirates", presentation at DesignCon '98, 1998	<input type="checkbox"/>
	30	ATMEL CORP., application note "Programming Specification for Atmel's AT17 and AT17A series FPGA configuration EEPROMs", 1999	<input type="checkbox"/>
	31	TRISCEND INC., "Triscend E5 Configurable Processor Family", Product Description (Preview), July 1999. Section "System Initialisation" p39-43	<input type="checkbox"/>
	32	ACTEL CORP., "60RS Family SPGA's", Advanced Data Sheet, Nov. 19, 1999.	<input type="checkbox"/>
	33	XILINX INC., "Virtex 2.5V Field Programmable Gate Arrays," Advanced Product Specification, 1999, pp 1-22	<input type="checkbox"/>
	34	TRISCEND INC., "Implementing Secure Remote Updates using Triscend E5 Configurable System-on-Chip Devices", Application Note AN-02, January 2000	<input type="checkbox"/>
	35	INTEL CORP., "Intel Processor Identification and the CPUID Instruction", Application Note AP-485, Intel Corporation, Nov. 2000.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

RECEIVED
OCT 23 2001
Technology Center 2100

Examiner Signature

Date Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Unique citation designation number. * Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

PA 3151604 v1